

AMENDMENTS TO THE CLAIMS

Please amend the claims. Claim 23 is cancelled. Claims 26 and 27 are new. Claims 1, 2, 4, 8, 10-11, 13, 15, 18, 21- 22 and 24 are amended. Claims 1-22 and 24-27 are pending. The following listing of claims replaces all previous versions in the Application:

We claim:

1. **(Currently Amended):** A method, comprising:
 - initializing a media device during a pre-boot phase of a computer system;
 - reading a first portion ~~description~~ of content stored on a self-describing media by firmware of the computer system during the pre-boot phase, the first portion containing a description of the content on the self-describing media, the self-describing media coupled to the media device;
 - extracting a ~~first~~ second portion of the content by the firmware using the description of the content in the first portion of the content ~~to enable the firmware to recognize a second portion of the content~~; and
 - accessing ~~the second~~ a third portion of the content by the firmware using the second portion of the content.
2. **(Currently Amended):** The method of claim 1 wherein extracting the ~~first~~ second portion of the content comprises launching a pre-boot recovery utility extracted from the ~~first~~ second portion of content ~~to recover a storage device of the computer system~~.
3. **(Original):** The method of claim 2 wherein the pre-boot recovery utility is an Extensible Firmware Interface (EFI) application.
4. **(Currently Amended):** The method of claim 2 wherein accessing the ~~second~~ third portion of the content comprises writing a portion of the ~~second~~ third portion of the content to the storage device using the pre-boot recovery utility.
5. **(Original):** The method of claim 2 wherein the storage device includes a magnetic hard disk.

6. **(Original):** The method of claim 2 wherein the media device includes a magnetic tape drive and the self-describing media includes a magnetic tape.
7. **(Original):** The method of claim 6, further comprising recovering an operating system boot target stored on a storage device of the computer system from the magnetic tape using the pre-boot recovery utility during the pre-boot phase.
8. **(Currently Amended):** The method of claim 1 wherein extracting the ~~first~~ second portion of the content comprises:
- launching a file system driver stored in the ~~first~~ second portion of the content; and
mounting a file system on the computer system based on the file system driver.
9. **(Original):** The method of claim 8 wherein the file system driver to operate in accordance with the EFI framework standard.
10. **(Currently Amended):** The method of claim 8 wherein accessing the ~~second~~ third portion of the content comprises accessing the ~~second~~ third portion of the content by the firmware via the file system during the pre-boot phase.
11. **(Currently Amended):** The method of claim 8, further comprising mounting a known file system on the computer system if the firmware recognizes the ~~second~~ third portion of the content.
12. **(Original):** The method of claim 11 wherein the known file system is stored in the firmware.

13. (Currently Amended): An article of manufacture comprising:

a machine-readable medium including a plurality of instructions which when executed perform operations comprising:

initializing a media device during a pre-boot phase of a computer system;

reading a file system header stored on a self-describing media accessed by the media device during the pre-boot phase, the file system header describing media data access information ~~to enable the computer system to recognize media data stored on the self-describing media;~~

extracting the media data access information from the self-describing media using the file system header ~~to enable the firmware to recognize a second portion of the content;~~ and

accessing the media data stored on the self-describing media using the media data access information.

14. (Original): The article of manufacture of claim 13 wherein initializing the media device comprises layering an Input/Output interface onto an Input/Output access to the media device.

15. (Currently Amended): The article of manufacture of claim 13 wherein extracting the media data access information from the self-describing media ~~comprises~~ using the file system header comprises:

launching a pre-boot recovery utility, the location of the pre-boot recovery utility on the self-describing media described by the file system header ~~to recover a storage device of the computer system from the media data during the pre-boot phase; and~~ recovering a storage device of the computer system from the media data by the pre-boot utility during the pre-boot phase.

16. (Original): The article of manufacture of claim 15 wherein the pre-boot recovery utility is an EFI application.

17. (Original): The article of manufacture of claim **15** wherein accessing the media data comprises writing a portion of the media data from the self-describing media to the storage device using the pre-boot recovery utility.

18. (Currently Amended): The article of manufacture of claim **13** wherein extracting the media data access information from the self-describing media comprises:

launching a file system driver stored on the self-describing media during the pre-boot phase, the file system driver described by the file system header; and
mounting a file system on the computer system based on the file system driver during the pre-boot phase, ~~the file system to enable firmware of the computer system to read the media data stored on the self-describing media.~~

19. (Original): The article of manufacture of claim **18** wherein the file system driver to operate in accordance with the EFI framework standard.

20. (Original): The article of manufacture of claim **18** wherein execution of the plurality of instructions further perform operations comprising mounting a known file system on the computer system if firmware of the computer system recognizes the media data.

21. (Currently Amended): A computer system, comprising:

a processor; and

at least one flash device operatively coupled to the processor, the at least one flash device including firmware instructions which when executed by the processor perform operations comprising:

initializing a media device during a pre-boot phase of a computer system;

reading a file system header stored on a self-describing media coupled to the media device during the pre-boot phase, the file system header indicating the location of media data access information ~~to enable the firmware to recognize media data stored on the self-describing media;~~

extracting the media data access information from the self-describing media ~~to recognize the media data;~~ and

accessing the media data stored on the self-describing media using the extracted media data access information.

22. (Currently Amended): The computer system of claim 21 wherein extracting the media data access information from the self-describing media ~~comprises~~ comprises:

launching a pre-boot recovery utility located via the file system header ~~to recover a storage device of the computer system from the media data during the pre boot phase.~~

23. (Cancelled)**24. (Currently Amended):** The computer system of claim 21 wherein extracting the information from the self-describing media comprises:

launching a file system driver stored on the self-describing media, wherein the file system driver located via by the file system header; and

mounting a file system on the computer system based on the file system driver, ~~the file system to enable firmware of the computer system to read the media data.~~

25. (Original): The computer system of claim 21 wherein the firmware to operate in accordance with an Extensible Firmware Interface (EFI) framework standard.

26. (New): The computer system of claim **21** wherein execution of the plurality of instructions further perform operations comprising:

recovering a storage device of the computer system from the media data by the pre-boot utility during the pre-boot phase.

27. (New): The computer system of claim **26** wherein recovering a storage device of the computer system from the media data by the pre-boot utility during the pre-boot phase comprises:

recovering a corrupted operating system boot target stored on the storage device using the pre-boot recovery utility, wherein the self-describing media includes a magnetic backup tape.